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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/813,809	03/30/2004	Mark Hutchison	878.0055.U1(US)	7532
29683	7590	04/04/2007		
HARRINGTON & SMITH, PC 4 RESEARCH DRIVE SHELTON, CT 06484-6212			EXAMINER LE, NHAN T	
			ART UNIT 2618	PAPER NUMBER
			MAIL DATE 04/04/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

**SUPPLEMENTAL**  
**Notice of Allowability**

Application No.

10/813,809

Examiner

Nhan T. Le

Applicant(s)

HUTCHISON ET AL.

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/18/2006.
2. ☒ The allowed claim(s) is/are 1-9 and 12-14.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application
- ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
- ☐ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other \_\_\_\_\_

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 1-9, 12-14 are allowed over the prior art.

The following is an examiner's statement of reasons for allowance:

As to claim 1, Kim (US 20020039890) teaches mobile telephone body; Wu et al (US 20030211834) teaches mobile phone; Whitney (US 6,320,963) teaches secrecy cover for key matrix; Lefort (US 7,019,985) teaches electronic device with a variable keyboard; Hyotylainen (US 7,106,857) teaches wireless communication devices. The teaching of these prior arts either combined or alone fails to teach a key independently hinged to a second portion of the first side of the body and pivotable about a pivot axis, a portion of the key overlying a third portion of the first side of the body and occupying a key region of the mobile communication device for actuation of the key; wherein the key region resides between the display region and the pivot axis and the third portion of the body resides between the first and second portions.

Dependent claims 2-9 are allowed for the same reason.

As to claim 13, Kim (US 20020039890) teaches mobile telephone body; Wu et al (US 20030211834) teaches mobile phone; Whitney (US 6,320,963) teaches secrecy cover for key matrix; Lefort (US 7,019,985) teaches electronic device with a variable keyboard; Hyotylainen (US 7,106,857) teaches wireless communication devices. The teaching of these prior arts either combined or alone fails to teach a first key hinged via a first one of the plurality of hinges to a second portion of the first side of the body and pivotable about a pivot axis, a portion of the first key overlying a third

portion of the first side of the body and occupying a key region of the mobile communication device for actuation of the first key; wherein the key region resides between the display region and the pivot axis and the third portion of the body resides between the first and second portions.

As to claim 14, Kim (US 20020039890) teaches mobile telephone body; Wu et al (US 20030211834) teaches mobile phone; Whitney (US 6,320,963) teaches secrecy cover for key matrix; Lefort (US 7,019,985) teaches electronic device with a variable keyboard; Hyotylainen (US 7,106,857) teaches wireless communication devices. The teaching of these prior arts either combined or alone fails to teach a first key hinged via a first one of the plurality of hinges to a second portion of the first side of the body and pivotable about a first pivot axis, a portion of the first key overlying a third portion of the first side of the body and occupying a first key region of the mobile communication device for actuation of the first key; and a second key hinged via a second one of the plurality of hinges to a fourth portion of the first side of the body and pivotable about a second pivot axis, a portion of the second key overlying a fifth portion of the first side of the body and occupying a second key region of the mobile communication device for actuation of the second key; wherein the first key region resides between the display region and the first pivot axis and the third portion of the body resides between the first and second portions and the second key region resides between the display region and the second pivot axis and the fifth portion of the body resides between the first and fourth portions.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

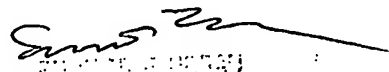
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nhan T. Le whose telephone number is 571-272-7892. The examiner can normally be reached on 08:00-05:00 (Mon-Fri).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 571-272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

N, Le

Nhan Le

  
Nhan T. Le  
Patent Examiner  
Art Unit 2618